

# **Neighborhood Garage**

## **1231 Bound Brook Road Middlesex Borough Middlesex County**

**BLOCK: 59 LOT: 15**

**Community Relations Coordinator: Mark Herzberg (609) 633-1369**

### **SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:**

This site is a former gasoline service station; it currently operates as an automotive repair facility. In 1995, gasoline product discharging from leaking underground storage tanks migrated off site and caused vapors to accumulate in several neighboring homes. The owner subsequently excavated all of the underground tanks and approximately 350 tons of gasoline-contaminated soil and installed several temporary monitor wells at the site under the supervision of NJDEP's Responsible Party Remediation Element. Sampling of the temporary monitor wells showed very high levels of dissolved gasoline-related volatile organic compounds. The site was transferred to NJDEP's Remedial Response Element as an Immediate Environmental Concern (IEC) case in 1996 after the owner of the service station was unable to continue the investigation and remediation of the property. Three nearby residences with private potable wells were connected to the public water line that year. In 1997, NJDEP implemented an Interim Remedial Measure (IRM) to install a soil vapor extraction system (SVE) at the site after gasoline vapors were detected in nearby residences. The following year, NJDEP excavated and disposed of approximately 5,000 tons of gasoline-contaminated soil, backfilled the excavations with clean soil and repaved the property. NJDEP installed a ground water treatment/free product recovery system at the gas station in 1999 to remove residual gasoline contamination in the ground water. In 2000, after repeated sampling of the air in nearby residences showed that there were no significant levels of vapors present, NJDEP modified the SVE system to withdraw vapors from the gas station property only. Nearby homes are no longer being monitored for gasoline vapors. NJDEP continues to operate the SVE and ground water treatment/free product recovery system at the gas station.